

tide rises 120 feet, though in Green Bay, on the north side of the same isthmus, it attains only 7 feet. A story is told of a ship which, during the night, was deposited by the rising tide of the Bay of Fundy on a rock of some considerable elevation; judge you, O reader, of the dismay of her crew when they found themselves at daybreak suspended high in air, like an aerial vessel!

In those island seas which communicate with the ocean through a narrow channel only, tidal phenomena are scarcely perceptible, and for this reason. The moon's influence simultaneously extends over all the parts of these seas, and their waters are not copious enough to gather in a convexity or protuberance through the attraction of



FIG. 218.—GREAT EQUINOCTIAL TIDE AT HAVRE, ON THE WEST COAST OF FRANCE.

our satellite. The intumescence, therefore, is quite inconsiderable. Hence there are no tides observable in the White and Black Seas, and they are very insignificant in the Mediterranean. At Alexandria they do not rise above twenty inches; at Venice, however, they sometimes attain six to seven feet. We have already recorded that a feeble lunar tide has been noticed in Lake Michigan; and have spoken at some length of the tidal march at the embouchures of the rivers, where it produces the well-known phenomena of the *mascaret* and *bore*.